

2. An apparatus according to Claim 1, wherein said feeding device is comprised of an inlet, a reservoir, and an elongated-slot outlet structure, said outlet structure attached to said desolventizer inlet.

3. An apparatus according to Claim 1, wherein said recirculation means is comprised of a solvent removal device having a gas-solvent inlet, a solvent outlet, and a recycled inert gas outlet; said gas-solvent inlet and said recycled inert gas outlet being connected to said particulate treatment housing.

4. An apparatus according to Claim 1, wherein said particulate outlet and said inert gas inlet are located on said second end of said particulate treatment housing.

5. An apparatus according to Claim 1, wherein said sealing device is a plug screw mechanism.

6. An apparatus according to Claim 1, wherein said sealing device is a shroud.

7. An apparatus according to Claim 1, wherein said sealing device is comprised of a plug screw mechanism

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connected to said desolventizer outlet, a conveyor means, and a shroud; said plug screw mechanism constructed and arranged to deliver particulate material from said desolventizer to one end of said conveyor means, said shroud being located in proximity to the other end of said conveyor means.

8. An apparatus according to Claim 1, wherein said particulate treatment housing has a baffle structure therein.

9. A method for removing solvent from particulate material, comprising the steps of:

- providing a supply of particulate material, contaminated with solvent, to be treated;
- conveying said particulate material on a conveying means within a housing structure having an interior;
- applying a vacuum to the interior of said housing;
- introducing an inert gas to said particulate material;
- removing at least some of said solvent from said contaminated particulate, thereby forming a gas-solvent mixture;
- removing the gas-solvent mixture from the interior

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of said housing;
removing at least a portion of the solvent from
the gas-solvent mixture to form recycled
inert gas;
recirculating the recycled inert gas into the
interior of said housing;
contacting the recycled inert gas with the
particulate;
removing solvent from the particulate, thereby
forming a gas-solvent mixture and treated
particulate;
removing the gas-solvent mixture from the interior
of said housing; and
removing the treated particulate material from
said housing.

10. A method according to Claim 9, wherein the inert
gas is continuously introduced to the particulate material.

11. A method according to Claim 9, wherein the
gas-solvent mixture is continuously recycled and re-
circulated.

12. A solvent stripping device for (the stripping) of
solvent from particulate material comprising:

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a particulate treatment housing having an interior, a first end, a second end, a particulate inlet, an inert gas inlet, at least one recirculation inlet, at least one recirculation outlet, and a particulate outlet;

a recirculation means having at least one inlet and at least one outlet, each connected to said particulate treatment housing, being constructed and arranged to re-circulate inert gas into and out of said housing; and a conveying means constructed and arranged within the interior of said housing.

13. A solvent stripping device according to Claim 12, wherein said conveying means is a screw conveyor.

14. A solvent stripping device according to Claim 12, wherein said conveying means is a chain driven conveyor surface.

15. An apparatus according to Claim 12, wherein said particulate treatment housing has a baffle structure therein.

21. A solvent stripping device according to Claim 12,
wherein said solvent removal device is further comprised of
a condensing means and a heating means.

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